

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A printing module which comprises:

a main frame;

an impression roller being rotatably bearing-mounted in the main frame[[,]];

a plate cylinder assembly containing~~having~~ a plate cylinder which~~that~~ is provided with a
print image and which~~that~~, in use, with the interposition of a substrate to be printed, abuts against
the impression roller[[,]];

an anilox roller~~ink~~ reservoir;

~~and a doctor roller, the doctor roller taking~~ configured to take up ink from an~~the~~ ink
reservoir[[,]];

~~the~~an anilox roller being arranged between the doctor roller and the plate cylinder such
that~~and~~ configured to remove a desired amount of ink is removed from the doctor roller by the
~~anilox roller and transferred to transfer ink to the plate cylinder; , the position of the plate~~
~~cylinder being settable, the position of the anilox roller being settable, and the impression roller~~
~~being rotatably bearing-mounted in a main frame, wherein~~

a first subframe in which the plate cylinder is rotatably bearing-mounted ~~in a first~~
~~subframe which and that~~ is movably connected with the main frame for the purpose of the
positioning, and setting a distance, of the plate cylinder relative to the impression roller[[,]];

a second subframe in which ~~and~~ the anilox roller and the doctor roller are rotatably
bearing-mounted ~~in a second subframe which and that~~ is movably connected with the main frame
first subframe for the purpose of the positioning, and setting a distance of, the anilox roller

relative to the plate cylinder, ~~said movable connections being~~ such that a positioning change of the plate cylinder relative to the impression roller does not affect the positioning of the anilox roller relative to the plate cylinder and that a positioning change of the anilox roller relative to the plate cylinder does not affect the positioning of the plate cylinder relative to the impression roller.

2. (Currently Amended) The printing module according to claim 1, ~~wherein the~~ further comprising a stop surface that is provided on the plate cylinder assembly ~~is provided with a stop surface, and a stop that is provided on the second subframe being provided with a stop which and that, in use, abuts against the stop surface of the plate cylinder, a position of the stop being~~ settable relative to the second subframe.

3. (Canceled).

4. (Currently Amended) The printing module according to claim 2, ~~wherein the position of the stop surface on the plate cylinder assembly relative to the plate cylinder assembly is~~ settable further comprising:

a stop surface that is provided on the plate cylinder assembly, a portion of the stop surface being settable relative to the plate cylinder; and

a stop that is provided on the second subframe and that, in use, abuts against the stop surface of the plate cylinder.

5. (Canceled)

6. (Previously Presented) The printing module according to claim 1, wherein the movable connection between the first subframe and the main frame is a connection pivotable about a first pivot.

7. (Currently Amended) The printing module according to ~~claim 1~~claim 1, wherein the movable connection between the second subframe and the first subframe is a connection pivotable about a second pivot.

8. (Canceled)

9. (Currently Amended) The printing module according to claim 1, further comprising:
~~provided with~~ a first piston-cylinder assembly which has a first end connected with the main frame and which has a second end connected with the first movable subframe, such that with the aid of the first piston- cylinder assembly the pressure which the plate cylinder exerts in use on the impression roller is settable.

10. (Currently Amended) The printing module according to claim 1, further comprising:
~~provided with~~ a second piston-cylinder assembly which has a first end connected with the main frame and which has a second end connected with or abutting against the second subframe,

such that with the aid of the second piston-cylinder assembly, the second subframe is adjustable relative to the main frame.

11. (Currently Amended) The printing module according to ~~claim 2~~claim 1, further comprising:

~~provided with~~ a second piston-cylinder assembly which has a first end connected with the first subframe and which has a second end connected with or abutting against the second subframe, such that with the aid of the second piston-cylinder assembly, the second subframe is adjustable relative to the first subframe.

12. (Currently Amended) The printing module according to claim 1, wherein the plate cylinder assembly further comprises:

~~is provided with~~ a stationary shaft on which the plate cylinder is rotatably bearing-mounted, while on opposite sides of the plate cylinder a stop ring is provided which forms the stop surface and is fixedly connected with the stationary shaft, while on opposite sides of the plate cylinder a supporting ring is fixedly connected with the stationary shaft.

13. (Currently Amended) The printing module according to claim 12, wherein the first subframe further comprises:

two receiving units disposed on opposite sides of the plate cylinder, ~~in which receiving units rest~~ configured to receive the supporting rings when the plate cylinder assembly ~~in the operative position~~ is mounted in the printing module in an operative position.

14. (Currently Amended) The printing module according to claim 13, ~~wherein the~~ each of the receiving units are each provided with comprising:

a supporting surface ~~which~~ that is provided with a particular curve, the curve being such that the distance between plate cylinder and the anilox roller on the one hand and the distance between the plate cylinder and the impression roller on the other ~~in each case remain~~ are pairwise equal to each other at different diameters of plate cylinders, which are provided with supporting rings of diameters matching the plate cylinders.

15. (Currently Amended) The printing module according to claim 13, ~~wherein~~ further comprising:

fixation means ~~are provided for fixating~~ configured to fixate a plate cylinder assembly in the receiving units, the fixation means being located substantially under the plate cylinder assembly and having two rods which, at an upwardly directed end, are each provided with an associated hook, the two hooks being configured to engage the stationary shaft of the plate cylinder assembly on opposite sides of the plate cylinder when the plate cylinder is in an operative position, while on the two rods a pull force is exerted for pressing the plate cylinder assembly into the receiving units.

16. (Canceled)

17. (Currently Amended) The printing module according to ~~claim 16~~claim 15, further comprising:

two piston-cylinder assemblies of which each one is connected with an associated one of
wherein the two rods, at the ends an end of the associated rod that is remote from the associated
hooks, are each connected with a each piston-cylinder assembly being configured for adjusting
the position of the associated rods in a longitudinal direction thereof and for exerting said pull force.

18. (Currently Amended) The printing module according to claim 15, wherein the fixation means further comprises:

~~are further provided with bearing surfaces on which rests~~ configured to support the plate
cylinder assembly when the fixation means are in a release position, ~~while the plate cylinder~~
~~assembly in this release position in which the plate cylinder assembly is lifted out of the~~
receiving units and is moved upwards, such that the plate cylinder assembly can be simply taken out of the printing module.

19. (Currently Amended) The printing module according to ~~claim 16~~claim 18, wherein each rod is provided with a said bearing surface, and is configured such that ~~which bearing~~
~~surface~~ upon upward movement of the rods in the direction of the longitudinal axes of the rods the associated bearing surfaces automatically enters into engagement with the stationary shaft and thereby lifts the plate cylinder assembly from the receiving units.

20. (Currently Amended) The printing module according to claim 15, ~~wherein~~
~~substantially above the receiving units~~ further comprising:

receiving means positioned substantially above the receiving units, the receiving means
being configured to ~~are provided for mounting mount~~ additional processing means.

21. (Currently Amended) The printing module according to claim 20, wherein the
receiving means ~~comprise~~ includes two guides.

22. (Currently Amended) The printing module according to claim 20, wherein the
additional processing means further comprise; ~~for instance, at least one of a~~ substrate web
inverting ~~units~~ unit, a winder ~~winders~~, and a ~~on~~ laminating ~~units~~ unit.

23. (Currently Amended) A printing machine containing a printing module ~~which~~ that
comprises:

a main frame;

an impression roller being rotatably bearing-mounted in the main frame;

a plate cylinder assembly containing having a plate cylinder ~~which~~ that is provided with a
print image and which, in use, with the interposition of a substrate to be printed, abuts against the
impression roller;[[,]]

an ink roller;

a doctor roller configured to take up ink from the ink reservoir;

an anilox roller being arranged between and a the doctor roller and the plate cylinder and configured to remove , the doctor roller taking up ink from an ink reservoir, the anilox roller being arranged between the doctor roller and the plate cylinder such that a desired amount of ink is removed from the doctor roller by the anilox roller and transferred- and to transfer ink to the plate cylinder;

a first subframe in which the plate cylinder is rotatably bearing-mounted and that is movably connected with the main frame for the purpose of the positioning, and setting a distance, of the plate cylinder relative to the impression roller;

a second subframe in which the anilox roller and the doctor roller are rotatably bearing-mounted and that s movably connected with the first subframe for the purpose of the positioning, and setting a distance, of the anilox roller relative to the plate cylinder, such that a positioning change of the plate cylinder relative to the impression roller does not affect the positioning of the anilox roller relative to the plate cylinder and that a positioning change of the anilox roller relative to the plate cylinder does not affect the positioning of the plate cylinder relative to the impression roller ~~the position of the plate cylinder being settable, the position of the anilox roller being settable, and the impression roller being rotatably bearing-mounted in a main frame, wherein the plate cylinder is rotatably bearing-mounted in a first subframe which is movably connected with the main frame for the purpose of the positioning of the plate cylinder relative to the impression roller, and the anilox roller and the doctor roller are rotatably bearing-mounted in a second subframe which is movably connected with the main frame for the purpose of the positioning of the anilox roller relative to the plate cylinder, said movable connections being such that a positioning change of the plate cylinder relative to the impression roller does not~~

~~affect the positioning of the anilox roller relative to the plate cylinder and that a positioning change of the anilox roller relative to the plate cylinder does not affect the positioning of the plate cylinder relative to the impression roller.~~